

VIASOL UNIVERSAL HBV

High chemical resistant epoxy resin based coating system, hard-wearing with very good mechanical and chemical resistance, statically crack bridging.

Application fields

Chemical Industry

Pharmaceutical Industry

Production areas

Workshops

Warehouses

High bay storage

Laboratories

Secondary containment

System build-up

VIASOL EP-C539



SELF-LEVELLING COATING

VIASOL EP-C500



SCRATCH COAT (optional)

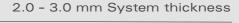


PRIMER





System highlights





Capable of bearing high mechanical loads



High abrasion resistance



Optionally slightly slip resistant



Hygienic (ISEGA certified)



Very good chemical resistance



Statically crack-bridging

System pictures









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Application and Consumption

| Layer | Product | Consumption (kg/m²) | Sand broadcasting (kg/m²) | Thickness (mm) | Application | |
|--|--|-------------------------------------|---|-------------------|--|--|
| Self-levelling coating, highly chemically resistant | VIASOL EP-C539 | 2.0 – 3.0 | Optional: SIC F70 (0.18-0.25 mm) 0.02 – 0.08 | 1.5 – 2.5 | notched trowel or squeegee + spike roller | |
| Optional: Scratch coat, levelling layer | VIASOL EP-C500 (fillable 10-20% with VIASOL QNV0) | 0.8 - 2.0 (+ 0.08 - 0.4 QNV0) | None | 0.5 – 2.0 | trowel or rubber squeegee / notched trowel or squeegee | |
| Primer | VIASOL EP-T703 | 0.3 – 0.5 | Optional QS (0.3-0.8 mm) Ca. 0.5 | 0.2 – 0.3 | rubber squeegee, roller | |
| Substrate | Cementitious substrates according to the appropriate standards and approvals must be capable of bearing loads and be free of cracks and voids. Pull-off strength ≥ 1.5 N/mm², residual moisture content < 4 %-CM, with higher residual moisture and on substrates with moisture from the backside special measures must be taken or a damp proof membrane must be installed. Substrate preparation e.g. grinding or shot blasting, sweeping and vacuum-cleaning is mandatory. Consumptions are calculated with VIASOL quartz sands and fillers. Usage of other quartz sands and fillers can cause changes of consumption and technical data. | | | | | |
| Note | Detailed application instructions are available upon request or refer to the technical product data sheet. | | | | | |

Technical data

| The second secon | D | Standrad | Result |
|--|---------------------|---------------|---|
| | Property | Standrad | Result |
| | Crack bridging | DIN EN 1062-7 | ≤ 0.4 mm |
| | Shore-Hardness | EN ISO 868 | D 67 after 28 d |
| | Adhesive strength | EN ISO 4624 | > 2,0 N/mm² after 28 d |
| | Impact strength | EN 13813 | ≥ 4 Nm (IR4) |
| | Chemical Resistance | EN ISO 2812-1 | Test liquids DiBt: 3, 3b, 4, 4a, 4c, 5, 5a, 5b, 6, 6b, 7, 7a,7b, 8, 8a, 9, 9a, 10, 11, 12, 13, 14, 15, 15a (more upon request) |

Remark: For further information, please refer to the product data sheets or contact our technical service. All data are approximate values. Therefore, no liability claims can be derived from the system data sheet. As all VIACOR data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.viacor.de or contact us directly) – all technical information is subject to change without prior notice